

**To:** Foster, Althea[Foster.Althea@epa.gov]; Loesel, Matthew[loesel.matthew@epa.gov]; Webster, Susan[webster.susan@epa.gov]; Crossland, Ronnie[Crossland.Ronnie@epa.gov]; Smith, Monica[smith.monica@epa.gov]  
**Cc:** Loston, Anthony[Loston.Anthony@epa.gov]; Martin, John[martin.john@epa.gov]  
**From:** Restivo, Angela  
**Sent:** Mon 8/17/2015 12:07:34 AM  
**Subject:** FW: GKM - Spreadsheet Data for Peter Nathanson  
[PWS contacts tmt details.xlsx](#)

Table with residence times for future finished water sampling.

**From:** Bernier, Roberto  
**Sent:** Sunday, August 16, 2015 6:56 PM  
**To:** Restivo, Angela; Ngo, Kim  
**Subject:** FW: GKM - Spreadsheet Data for Peter Nathanson  
**Importance:** High

Ladies, as promised this is the table that Mark and NMED Peter prepared for retention/treatment time before distribution. You were cc'ed on the original. Just in case check your junk email inbox, it has been happening to us.

**From:** McCasland, Mark  
**Sent:** Sunday, August 16, 2015 3:14 PM  
**To:** [peter.nathanson@state.nm.us](mailto:peter.nathanson@state.nm.us)  
**Cc:** Atkins, Blake; Bernier, Roberto; Brown, Jamesr; Crossland, Ronnie; Foster, Althea; Garcia, David; Hayes, Mark; Ngo, Kim; Restivo, Angela; Rinehart, Jon; Smalley, Bryant; Webster, Susan  
**Subject:** GKM - Spreadsheet Data for Peter Nathanson  
**Importance:** High

I added the data we used to calculate worst case process times from intake to POE to DS. No mixing and increasing proportion were considered at this point. We need to make sure we factor in enough lag time for the finished water sampling. We can start to hone those estimates if we get better data on how the systems manage their reservoirs.

Mark McCasland

US EPA Region 6  
Drinking Water Section (6WQ-SD)  
1445 Ross Ave, Suite 1200  
Dallas, TX 75202-2733  
(214) 665-8088 (w)

[mccasland.mark@epa.gov](mailto:mccasland.mark@epa.gov)